

NEWS LETTER OF THE SOCIETY OF AMERICAN BACTERIOLOGISTS

Office of the Secretary-Treasurer

June 1944

Volume X, Number 3

1944 OFFICERS AND COUNCILORS

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Past President: Rebecca C. Lancefield, Rockefeller Institute, New York, N. Y.
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G. L. Stahly, Columbus, Ohio--Ohio
H. E. Morton, Philadelphia, Pa.--Eastern Pennsylvania
MacDonald Fulton, Dallas, Texas--Texas
Sara E. Branham, Bethesda, Maryland--Washington

Invited Members, by Council Action of 1938:

Barnett Cohen, Editor-in-Chief, BACTERIOLOGICAL REVIEWS
A. P. Hitchens, Editor, Section C, BIOLOGICAL ABSTRACTS
L. S. McClung, Program Committee Chairman
C.-E. A. Winslow, Editor-in-Chief, JOURNAL OF BACTERIOLOGY

NEW SECRETARY-TREASURER

Dr. L. W. Parr, of George Washington University Medical School, was appointed Secretary-Treasurer of the Society of American Bacteriologists at the recent annual meeting of the Society in New York City. He is to take office on June 1, 1944. All items pertaining to the office of Secretary-Treasurer, including 1944 membership dues not yet paid, should be directed to Dr. Parr at George Washington University Medical School, 1335 H Street, Northwest, Washington 5, D. C.

NEW EDITOR-IN-CHIEF

Dr. J. M. Sherman, of Cornell University, was appointed Editor-in-Chief of the JOURNAL OF BACTERIOLOGY at the recent annual meeting of the Society in New York City. He is to take office on July 1, 1944. Please refer Journal materials, including Local Branch abstracts, to Dr. Sherman at Cornell University, Ithaca, New York.

45th ANNUAL MEETING - MAY 3 TO 5, 1944

Program

Fifteen hundred and thirteen registrants took part in the 45th annual meeting of the Society of American Bacteriologists in New York City to make it the largest and one of the best meetings of our Society. The round table discussions and scientific meetings were well attended and exceedingly interesting. A number of our sustaining members had exhibits which attracted considerable attention; the exhibitors are listed in the printed program.

An outstanding event was the annual dinner celebration in honor of Dr. C.-E. A. Winslow, retiring Editor-in-Chief of the JOURNAL OF BACTERIOLOGY, and the presentation by Dr. Barnett Cohen of an illuminated leather bound scroll, containing the following message from the Society: "The Society of American Bacteriologists in united assembly salutes Charles-Edward Amory Winslow, Charter Member, Honorary Member and former President. Founder of the Journal of Bacteriology, and Editor-in-Chief for twenty-eight years. Inspiring teacher and investigator; leader in Public Health. This token of tribute is presented in grateful recognition of your distinguished contributions to the Science of Bacteriology, to Applied Learning, and to Public Health."

The program follows:

Welcome to New York
William W. Browne, Toastmaster
Address of President
Ira L. Baldwin
"Where Does the Trail Lead?"
Celebration in honor of
Professor C.-E. A. Winslow

Actions by the Council

Motions were made, seconded, and carried: 1) to accept the invitation of the Michigan Branch and hold the 1945 annual meeting in Detroit, Michigan; 2) to appoint a planning committee for the consideration of general policies; 3) to accept the report of the Secretary-Treasurer thus far this year, which includes the purchase of War Bonds up to \$3000.00; an increase of \$400.00 in the budget of the Secretary-Treasurer, Miscellaneous Account, and the resignation of the Secretary-Treasurer as of June 1, 1944; the latter is accepted with deep appreciation; 4) to accept the report of the Editor-in-Chief of the JOURNAL OF BACTERIOLOGY and his resignation; the latter with deep regret and appreciation; 5) to approve the action of the President in appointing a committee as follows: Barnett Cohen, Chairman; I. L. Baldwin, Stanhope Bayne-Jones, Rebecca C. Lancefield, J. M. Sherman, to make our formal expression of appreciation to Dr. C.-E. A. Winslow; 6) to approve the list of new members who have made application for membership during the period March 24, 1944 to April 30, 1944 (which appears at the end of this News Letter); 7) to appoint Dr. J. M. Sherman Editor-in-Chief of the JOURNAL OF BACTERIOLOGY; 8) to accept the report of the Committee on Bacteriological Technic; 9) to accept the suggestion of Dr. M. W. Jennison that the Council give permission to the Pan-American Sanitary Bureau to introduce and distribute Spanish and Portuguese editions of the Charts, Manual of Methods, and other teaching material in Spanish-speaking Countries; 10) to turn over

to them whatever films we have at our disposal; 11) to continue Dr. L. S. McClung as Program Chairman and Dr. C. M. MacLeod as Assistant Program Chairman for another three years; 12) to accept the report of the Director of Local Branches; 13) to table the matter of Local Branch meetings; 14) to accept the report of the American Type Culture Collection; 15) to accept the report of the War Committee on Bacteriology; 16) to re-appoint for the year 1944 the members of the War Committee on Bacteriology as follows: S. A. Waksman, Chairman; G. P. Berry, E. J. Cameron, N. P. Hudson, J. F. Norton, C. A. Perry, J. M. Sherman, and the President and Secretary-Treasurer, ex officio; 17) to separate from the Committee on Teaching the Sub-Committee of Materials for Visual Instruction in Microbiology; 18) to appropriate \$1000.00 for the Committee on Materials for Visual Instruction in Microbiology; 19) to table the matter of cards and certificates for the membership; 20) to table the matter of one membership for husband and wife; 21) to refer the contract between the Society and Williams and Wilkins Company to the officers of the Society for consideration and allow them to do as they see fit; 22) to refer to Williams and Wilkins Company the request of the Section of International Exchange of Russia and turn over to BIOLOGICAL ABSTRACTS any scientific publications which they might send the Society; 23) to lay on the table the matter of starring bacteriologists in the American Men of Science; 24) to appropriate \$1000.00 for BIOLOGICAL ABSTRACTS and request the Planning Committee to consider what the relations of the Society to BIOLOGICAL ABSTRACTS should be in future years; 25) to appropriate \$150.00 for the Winslow celebration and spread across the minutes of the Society the contents of the scroll which is to be presented to Dr. Winslow at the 1944 annual dinner; 26) to give permission to Dr. Sherman, as Editor-in-Chief of the JOURNAL OF BACTERIOLOGY, to decide upon the funds necessary for the JOURNAL OF BACTERIOLOGY, Editor, Secretarial Service and Miscellaneous Accounts; 27) to raise the budget of the Archivist by \$20.00 for the purpose of recording the History of Bacteriology Round Table discussions and address of the President at this annual meeting; 28) to place on the dues statements the statement "payable in United States currency only"; 29) to turn over to the Officers of the Society a secret preference ballot for Secretary-Treasurer and permit them to act on this; 30) to nominate for honorary membership in the Society Dr. O. T. Avery; 31) to approve the application of the General Chemical Company of New York City for sustaining membership in the Society.

Reports at the Business Meeting

Secretary-Treasurer

"This report will supplement the annual one made at the end of the fiscal year 1943, and will of necessity be general in nature.

"Membership. The membership of the Society has been increasing at a gratifying rate. New 1944 members up to April 29 total 229. The grand total of members, including active, sustaining, honorary, corresponding, retired and temporarily lapsed, is 2403, as compared with 1988 at the end of 1943. According to the records, there are 255 members of the Society in uniform at the present time, of which 38 are on the temporary lapse list. The number of sustaining members has increased from 41 reported in December, 1943, to 59 at the present time, largely due to the efforts of the Local Committee in charge of arrangements for the 1944 meeting.

"Budget. The budgetary estimates in the report of the Secretary-Treasurer last December left two items to be decided by the Council during its May meeting: the amount to be given BIOLOGICAL ABSTRACTS and the allotment to the Sub-Committee on Materials for Visual Instruction in Microbiology. A special Committee, appointed by the President, will make recommendations concerning the grant to BIOLOGICAL ABSTRACTS. The Council already has approved an allotment of \$50.00 to the Sub-Committee on Materials for Visual Instruction in Microbiology and will act on any further grant. It is apparent at the present time that the estimate in the original budget entitled Secretary-Treasurer, Miscellaneous, was too low. Expenses connected with the News Letter and with the 1944 annual meeting have been heavier than anticipated. The cost

of moving the office of the Secretary-Treasurer will be a further drain on this fund; therefore, it is requested that the budgetary allotment for Secretary-Treasurer, Miscellaneous, be increased by \$400.00.

"While it is necessary and economical to maintain a sizable checking account for the Society, there is enough in this account at the present time to warrant the recommendation by the Secretary-Treasurer that \$3000.00 be invested in War Bonds.

"Resignation. At the time that I reluctantly accepted the appointment to the office of Secretary-Treasurer of the Society, it was with the understanding that I would carry on the duties only until a change of administration could be made without unduly disturbing the business of the Society. That time has arrived, now that the Council and the Society are meeting and most of the year-end accumulation of Society business has been transacted. I, therefore, wish to offer my resignation as Secretary-Treasurer to take effect on June 1, 1944.

"I wish to express my gratitude to the officers and members of the Society for their support and assistance during my term of office. I am sure that their activity has been responsible for the continued healthy growth of the Society during this war period.

"I shall be glad to offer the new Secretary-Treasurer all possible assistance."
--W. C. Frazier.

Journal of Bacteriology

"I am submitting herewith my final report as Editor of the Journal of Bacteriology after twenty-eight years of service. It is with great regret that I relinquish a task which has been pleasant in itself, and which has kept me through all these years in close touch with the bacteriologists of this and other countries; but a new call to service in another field has made it seem imperative that I should turn over the direction of the Journal to some other hand at this time.

"I am submitting herewith in tabular form a review of the first twenty-eight years of our Journal. It will be noted that during this period the Waverly Press has turned over to the Society the sum of \$40,717.72, while our expenses for secretarial assistance and postage have totalled \$10,056.29. For seven of the first ten years we showed a deficit, but since that time the Journal has yielded an annual profit, the net income to the Society having been \$30,661.43.

"During this period we have published 28,086 pages of material and 1948 papers.

"I believe that it can be said that on the whole standards of quality have been maintained at a high level and that the success of the Journal in attracting contributions from other countries has placed this Journal at the top of the leading scientific publications in this field in the world.

"Credit for this achievement goes first and foremost to the bacteriologists of the United States, who during the past half century have made such notable contributions to the young science which they represent. Next, the success of the Journal has been due to the tireless devotion of my colleagues on the editorial board, who have devoted the most minute attention to the form as well as to the substance of papers submitted. It has been our policy not merely to accept or reject papers, but --when papers were declined to explain somewhat fully the reasons therefore--and when papers were accepted to suggest in nearly all instances some degree of revision in order to meet the high standards we have set. A statement of editorial policy, prepared in 1941 in cooperation with Bacteriological Reviews and the Journal of Immunology, has proved very helpful.

"The primary purpose in the establishment of the Society of American Bacteriologists was to foster the development of bacteriology as a science, a subject with important applications in many fields, but constituting in itself a fundamental discipline. It is this cause which the Journal has tried to serve, and I believe with measurable success.

"Resignation. As you are no doubt aware, I have edited the Journal of Bacteriology since its initiation in 1916, and naturally have a strong sentimental feeling for the Journal. This has probably caused me to keep on with the work much

longer than I should have done. A situation has now arisen which makes it necessary for me to offer my resignation as of July 1. I have been asked to undertake a new responsibility of an editorial nature, which has been very strongly put up to me as something that I am peculiarly fitted for, and it is impossible for me to carry both with the other responsibilities which rest on my shoulders. The Journal of Bacteriology is well established and can be carried on quite well or better in other hands than mine. I am therefore asking you to get the officers and councilors to appoint a successor at the May meeting, who can take up the work with the beginning of the new volume, which starts with the July issue. There are several of my colleagues on the editorial board of the Journal who could carry on with notable success."--C. E. A. Winslow

Year	Income	Expenses	Profit	Deficit	Pages Published	Papers Published
1916	\$	\$ 5.00	\$	\$ 5.00	733	43
1917		5.00		5.00	645	44
1918	13.51	5.00	8.51		571	49
1919	677.19	5.00	672.19		637	37
1920		10.00		10.00	606	45
1921		180.20		180.20	582	38
1922		232.00		232.00	626	44
1923	297.77	210.00	87.77		596	42
1924		210.00		210.00	612	46
1925		220.00		220.00	594	31
1926	645.43	435.00	210.43		894	62
1927	1,815.76	410.00	1,405.76		893	57
1928	3,100.41	450.00	2,650.41		907	64
1929	2,437.07	425.00	2,012.07		894	53
1930	2,253.48	425.00	1,828.48		895	61
1931	2,167.58	435.86	1,731.72		907	65
1932	1,192.92	474.90	718.02		1,004	65
1933	1,047.48	515.00	532.48		1,305	80
1934	1,766.24	517.51	1,248.73		1,299	82
1935	2,342.21	485.00	1,857.21		1,328	99
1936	2,423.69	517.17	1,906.52		1,364	102
1937	2,770.84	496.94	2,273.90		1,352	94
1938	2,228.52	680.94	1,547.58		1,380	86
1939	1,967.93	518.50	1,449.43		1,384	97
1940	2,338.32	614.01	1,724.31		1,691	108
1941	2,907.98	561.38	2,346.60		1,669	98
1942	2,462.16	538.88	1,923.28		1,530	126
1943	3,861.23	473.00	3,388.23		1,188	130
	\$40,717.72	\$10,056.29	\$31,523.63	\$ 862.20	28,086	1,948

Committee on Bacteriological Technic

"I have little to add to the report of this Committee which was dated January 18. At the end of the first paragraph of this report occurs the statement that the new edition of Leaflet II is 'to be issued shortly'; it has now been published."--
H. J. Conn

Program Committee

"The present Chairman of the Committee was asked, late in the summer of 1943, to substitute for Dr. Hudson, who was unable to serve because of pressure of war duties. Acceptance of this necessitated the appointment of a new Vice-Chairman of the Committee. Dr. C. M. MacLeod was appointed to this position and likewise the following new officers in the Division of Medical Bacteriology, Immunology and Comparative Pathology replaced men who entered the Armed Services: Dr. L. A. Julianelle, Chairman, and Dr. John G. Kidd, Vice-Chairman. Dr. Elizabeth F. McCoy and Dr. R. P. Tittler served as Chairman and Vice-Chairman of the Division of Agricultural and Industrial

Bacteriology. To each of these, and to the Conveners of the Round Tables, the Chairman of the Committee extends his grateful thanks for their aid in the planning of the program. Likewise, the Local Committee, headed by Mrs. Mary B. Horton, have assisted greatly in the arrangements for the meeting.

"The short time available for the preparation of the program after the vote of the Council has hampered some of our activities. Nevertheless, the membership has submitted a good number of papers and other features were arranged to fill the program schedule. Five round tables were arranged and 131 papers were accepted from the members. In accord with instructions from the Council to include survey contributions, six longer than usual papers were scheduled. It is the belief of the Committee that these represent topics of unusual interest and that the Society is fortunate in the speakers which were selected for these papers. Other special features by the Committee on Teaching and the Committee on Visual Instruction were included. Consistent with wartime conditions, the majority of the usual entertainment features and excursions were eliminated for other reasons. Likewise, it was with regret that it was necessary to decline certain abstracts which were received after the deadline date. Also, the Chairman of the Committee made editorial corrections on many abstracts to make the text or titles conform to editorial procedures of the JOURNAL OF BACTERIOLOGY. Members of the Society can aid the Program Committee considerably by more careful attention to details of the preparation of their abstracts. Lack of this necessitates the long time for the deadline for abstracts in advance of the meeting.

"The Chairman of the Committee will present to the Council certain problems relating to the financing and scheduling of a general meeting of the Society and certain suggestions for possible solution of these. For example, it is imperative that some attention be given to the number of papers which are to be presented at any meeting. If the numbers continue to increase, either the number of scientific sessions must be increased (hence the meeting extended more than three days) or some system of selection of papers must be instituted."--L. S. McClung

War Committee on Bacteriology

"At no previous war in the history of mankind has greater emphasis been laid upon microbiology than during World War II. One might almost be tempted to say that the present war is to some extent a war of microbes, were it not for the fact that other sciences have, with full justification, made similar claims.

"The relation of microorganisms to the present war has several distinct aspects or phases that can be briefly summarized as follows: 1. Microorganisms as causative agents of disease; here belong not only diseases caused by bacteria and viruses, but also by protozoa and fungi. 2. The destructive effects of microorganisms upon service materials, food and clothing. These range from the deterioration of tents and boots to the injurious effects upon all sorts of equipment. 3. The role played by microorganisms in combating the agents of disease, that resulted in the isolation of various important chemotherapeutic agents. 4. Importance of microorganisms in the production of foodstuffs and in the manufacture of various industrial products essential to the war effort.

"As emphasized in the full report that has previously been submitted to the Society and that has already been published in the last issue of the News Letter of the SAB, the War Committee as a whole has not been called upon to render any specific services to the Government as a whole or to any specific services. However, various members of the Committee as individuals, as well as many other members of the Society, are not only contributing in various capacities to the War effort and in carrying extremely important duties, but many have been called upon by the many agencies of the government, notably the armed forces; the medical and other branches, to assist in the solution of many problems, essential to the successful prosecution of the War, in which microorganisms are involved."--S. A. Waksman

Monographs

"Several years ago the Society authorized the development of a Society sponsored series of bacteriological monographs. The idea was a commendable one. Two major mistakes, however, were made by the Society. As a result, there has been little significant progress.

"The first error of judgement was in choosing an editor who as a result of the war emergency became involved in a maze of administrative duties which interfered, in fact stopped, any progress. It is true some plans were early drawn, several series suggested, tentative proposals for publication and financing developed, but all that is several years in the background.

"The second error in judgment was a result really of a lack of ability to prophesy. The pre-Pearl Harbor emergency and the development of the war effort has made, until now certainly, progress exceedingly difficult. In the hands of an editor more energetic and with more time much might have been accomplished. Several entirely worthy manuscripts were submitted by authors. A combination of lack of suitable publication arrangements and editorial ineptitudes did not make for satisfactory functioning, and no monographs have appeared.

"As suggested by Dr. Baldwin in his presidential address, the idea is an excellent one. It should be followed through. The time will soon be ripe for a vigorous development.

"I would therefore recommend that the Council and Publication Board be asked to appoint an editor with time and suitable facilities for getting this important enterprise under way. This should be done promptly."--R. E. Buchanan, Editor

Committee on Teaching

"This report concerns the activities of this Committee in connection with the present meetings of the Society. A report for 1943 has already been submitted to the Society through the News Letter.

"It seemed desirable this year to plan for a more formal type of meeting for the members interested in the teaching of Bacteriology. The plan was justified by the fact that more than 50 per cent of the membership are engaged in this profession. Accordingly, it was planned to hold a half-day session instead of the former Round Table discussion. This innovation was in the nature of an experiment to determine the interest of our membership in problems of teaching and training students for positions as bacteriologists.

"The Committee is gratified to report that at least two hundred attended the session and there was interesting and constructive discussion from the floor, following the reading of the papers. The session was held Wednesday morning preceding the opening of the Conference.

"At the annual meeting of the teaching committee held Wednesday evening, several suggestions which came from members during the discussion period were considered. One of these which related to the possibility of establishing some uniform bases or standards for training students for bacteriological careers was discussed at some length. No action was taken, however, since the Committee feels that further information relating to the needs of laboratory directors and the attitudes of the educational groups should be secured before formulating any definite standards.

"One or two actions were taken however. (1) The Committee feels that there is definite need to stress the importance of Bacteriology as a science and that whenever possible it should be placed on a par with other sciences in educational institutions and not hold the subordinate place it now occupies in many of our colleges and universities. (2) The Committee also voted to go on record as favoring a review by the Editorial Board of the Society in regard to its policy relating to the publication of articles which concern educational matters, especially those relating to instruction in this science.

"Recommendations: The Committee voted to recommend to the Society that it continue to provide for a half-day session devoted to the consideration of teaching problems, at the annual meetings, as long as there is enough interest to justify such

a meeting. These sessions to be held at a time when there is the least competition from sectional groups or round table discussions, preferably preceding the opening of the general session as was done this year."--Members of the Committee: J. H. Brewer, Cora M. Downs, I. C. Gunsaltus, S. E. Hartsell, H. W. Lyall, H. E. Morton, E. G. D. Murray, Elizabeth F. Gonung, Chairman.

Committee on Materials for Visual Instruction in Microbiology

"The primary purpose of the Committee on Materials for Visual Instruction in Microbiology is to make a contribution to our country's war effort by assisting in, and improving, the teaching of microbiology, which is so important to the health of the members of the Armed Forces and the civilian population. This assistance is useful to both the military personnel called upon to teach with inadequate facilities and also depleted civilian teaching staffs in the accelerated educational program.

"After learning of the great extent to which motion picture films are used in the teaching of bacteriology and of the greater extent to which they would be used if the teachers had some way of learning what films were available, how the films were obtainable, and the subject matter of the films, the Committee has occupied itself with the reviewing of motion picture films during the first year and a half of its existence. Over 100 films have been reviewed under the auspices of the Committee and abstracts prepared for the majority of the films. Notices of the work of the Committee have appeared from time to time in the News Letter of the Society of American Bacteriologists and in SCIENCE. These announcements have been followed by requests to the Committee for mimeographed copies of the abstracts which are furnished for a charge of 3 cents per copy. The abstracts give pertinent information about each film, such as width, length, black and white or colored, silent or sound, names of the author, producer and distributor, as well as a resumé of the subject matter and a few remarks as to whether or not the film is suitable for teaching purposes and the type of audience for which the films are most appropriate. The income from the sale of such abstracts has been sufficient up to the present time to cover such items as mimeographing, postage, etc. This income does not cover secretarial work or acquiring new films and such increase of the Committee's facilities.

"As of May 1, 1944, 6,028 copies of abstracts have been distributed. There were 145 requests for abstracts, of which 22 were from members of the Armed Forces. There were 176 requests for the list of titles of the films reviewed, of which 41 were from members of the Armed Forces.

"The Committee has confined its activities not merely to bacteria but has searched for instructional material dealing with such subjects as rickettsiae, filterable viruses, fungi, animal parasites, and immunology. Briefly, material dealing with anything which teachers of bacteriology are called upon to teach in the present emergency has been collected.

"The Committee has no desire to serve as a distributor of motion picture films or to compete with distributors in any way. The Committee will serve as a distributor, however, if it is the only means by which a film can be made available to teachers of bacteriology, or when the Committee can serve to the best interests of teachers of bacteriology and producers of films.

"The following six films, for which the Committee acts as distributor are very helpful in the teaching of microbiology, are in nearly constant use, and have been made available to the teachers of microbiology through the activities of the Committee.

"1. Typhoid Bacilli: Motility and Agglutination. The chairman of the Committee re-edited to a 400 ft film with English titles three motion picture films, totaling 1200 ft, made by Dr. Adrianus Pijper in South Africa. Copies of the re-edited film are available by rental or purchase.

"2. Germination of Spores of Bacteria. Copies of the 60 ft film made by Dr. S. Bayne-Jones in 1932 are available by rental or purchase.

"3. The Action of Staphylococcal Toxin on Rabbits and Mice. A 175 ft film made available by rental or purchase.

"4. The Sneeze. A 100 ft film of a sneeze made by Dr. M. W. Jennison as a research record using a high speed camera and stroboscopic light has been made available by rental or purchase.

"5. Filariases of the Eye Caused by Loa loa. A 200 ft film in kodachrome of two cases of filariasis of the eye caused by Loa loa made by Dr. George P. Landegger has been made available by rental or purchase.

"6. A Lecture on the Spirochetes. A 1150 ft film made in 1941 by Dr. Theodore Rosebury has been made available on a rental basis.

"7. A copy of the film The Growth of Bacteria, Yeasts and Molds, by Dr. Ralph W. G. Wyckoff and Mr. J. B. Lagsdin is being acquired and will probably be ready for distribution by the Committee on a rental basis about June 1, 1944.

"The Committee has made available two charts which will be helpful in the study of pathogenic fungi and is in the process of making available numerous electron-micrographs of bacteria, rickettsiae, and viruses. It is hoped that the electron-micrographs will be available in the form of lantern slides and prints, accompanied, of course, by suitable descriptive material.

"The work of the Committee appeared to be received with such interest and enthusiasm that the editors of Biological Abstracts created a new sub-section in Section C of Biological Abstracts, under the heading 'Visual Instruction in Microbiology, Immunology, and Public Health' with the present chairman of the Committee as editor.

"Several complimentary letters have been received by the Committee urging that the work of the Committee be continued and continue to improve. It was very gratifying to note the service which the Society of American Bacteriologists through the Committee on Visual Instruction has aided the U.S. Army Medical School in compiling 'A List, with Descriptions, of Motion Picture Films dealing with Parasitology and Tropical Medicine.' The list contained 61 films of which 34 of the abstracts were abstracts of films supplied by the Committee on Visual Instruction. Moreover, the style employed for listing the data on the films was practically identical with that used by the Committee. No stronger recommendations can be made for the continuance and expansion of the work of the Committee on Materials for Visual Instruction in Microbiology."--H. E. Merton, Chairman

Resolutions Committee

"Be it resolved: That the Society of American Bacteriologists express its sincere appreciation to the Chairman of the Committee on Local Arrangements and to all members of the Committee. The holding of a war time conference at a different season of the year and after a lapse of a period of two years was a difficult task. The provisions which were made for the meeting, the abundant success, as shown by the number of registrants, all testify to careful planning and efficient execution. The Secretary should notify the Chairman of the Committee.

"Further, be it resolved: That the Society of American Bacteriologists express to the management of the Hotel Pennsylvania its thanks for the efficient manner in which during difficult times the problem of caring for an unexpectedly large attendance has been handled. The Society wishes to record its conviction that such efficiency does not just happen. The Secretary is asked to thank the management.

"Be it resolved: That the Society of American Bacteriologists expresses its keen regret at the decision of Dr. Frazier no longer to continue to serve in this office of Secretary-Treasurer, and its real appreciation for the manner he has more than maintained the traditions of this most important office. Particularly should be stressed the fine efficiency of the mimeographed News Letter which has been such a factor in maintaining morale and continuity in our program. The Society asks the Executive Committee to express its thanks. The resignation is accepted with real reluctance and appreciation.

"Further, be it resolved: That the Society of American Bacteriologists record with deep regret the death of the following members of the Society since our last meeting: 1944--Paul J. Beard, Randle Crater Rosenberger, Deane B. Swingle; 1943--

Clarence N. Boynton, Frederick Dixon Chester, Rolland David Fox, Arthur T. Henrici, Martin Halvor Knutsen, Isaac McKinney Lewis, Leslie Tillotson Webster, Elizabeth A. Woodworth; 1942--Lawrence Twilley Clark, Ruth L. Conrad, Marcus Ward Lyon, Jr., Franz Carl Schmelkes, James Dowling Trask; 1941--Allen Kramer Krause, Emerson Megrail, Asya M. S-Stadnichenko.

"Be it resolved: That the Secretary be requested in an early issue of the News Letter to extend to the members of the Society in National and Military Service greetings from the members assembled at the New York meeting, and to felicitate them on the extraordinary record of accomplishment in bacteriology which is so largely to their credit."--R. E. Buchanan, Chairman; H. W. Lyall, R. R. Mellon

Committee of the American Type Culture Collection - Supplementary Report.

"The distribution of cultures has continued to increase over the high level of the past year. The revenue from the sale of cultures is now sufficient to justify the addition of two full time bacteriologists to the staff. One of these will give special attention to mold and yeast cultures while the other will give her full time to checking the purity and authenticity of the cultures and to taxonomic studies to establish type cultures. Laboratory facilities provided by the Department of Agriculture will be used for this purpose."--L. A. Rogers, R. E. Buchanan

Employment Bureau: "Summary of Activities - October 15, 1943 to April 15, 1944"

Financial Statement

Balance and Income:

Balance as of statement October 15, 1943-----	\$229.15
Income from successful applicants-----	30.50
Interest on bank balance-----	---
Total	\$259.65

Expenditures:

Stamps-----	\$ 10.00
Stationery and Printing-----	7.95
Secretarial Assistance-----	25.00
Balance	42.95
	\$216.70

Summary of Activities

Openings received October 15, 1943 to April 15, 1944----	34
Applications submitted-----	168
Vacancies filled by applicants recommended by the	
Employment Bureau-----	2
Claims of non-obligation to the Bureau for appointments	
made-----	-
Vacancies pending-----	8
Number of applications active at present for positions	
in bacteriology and related fields-----	37
Number of applications according to salary range requested:	
\$1600-2000-----	4
2000-2500-----	4
2500-up-----	24
open-----	5
	37

"--C. S. Pederson

Local Branches: 1943 Annual Report of the Director.

"Some of the branches of the Society seem to be able to maintain the pre-war schedule of meetings, and with no lessening of the number or quality of the papers presented. Due chiefly to transportation difficulties others are finding it difficult to comply with the constitutional requirement of two meetings per year. The suggestion has been made that local meetings be held in the branch area in those instances where regular meetings present difficulty of one sort or another.

"Practically all of the branches are experiencing a considerable change in the membership. It is not possible, therefore, to give an accurate statement of the present branch membership. Reports suggest a healthy interest in local branch meetings on the part of Army and Navy bacteriologists.

"One letter of inquiry concerning the organization of a new branch has been received."--O. B. Williams

LOCAL BRANCH NEWS
(Notes from the Secretaries)

Southern California Branch: "The Branch held a general meeting on May 4 on the campus of the University of Southern California. The following persons were elected officers: President, Dr. Claude E. ZoBell; Vice President, Dr. A. J. Salle;

"Scientific program:

'Comparative antigenicity of rabies virus preparations inactivated by various methods', Jacob Fong.

'Incidence of phage types of Eberthella typhosa isolated in Los Angeles County', Walter Ward.

'Effect of oxidation-reduction systems on germicidal activity', A. J. Salle.

'Local application of crude penicillin', R. E. Hoyt and M. G. Levine.

'Some observations on the stability of penicillin', M. G. Levine and R. E. Hoyt.

'Biological titrations', Fred Moore."--Roy T. Fisk

Illinois Branch: "The spring meeting was held on May 12 at the Chicago Illini Union. At this meeting officers elected for the next year were: President, G. I. Wallace; Vice President, M. L. Laing; Secretary-Treasurer, H. W. Cromwell. The program follows:

'The control of the activated sludge process', F. W. Mohlman.

'Malaria with particular reference to its war-time and post-war implications', W. C. Earle."--H. W. Cromwell

Michigan Branch: "The annual meeting will be held on Wednesday, June 7, at 1:30 P.M. at the Michigan Department of Health Laboratories, Lansing, Michigan. After a dinner at 6:00 P.M., Dr. F. D. Stimpert, Assistant Director Research Laboratories, Parke Davis and Company, will speak on 'Rickettsial Diseases'. The program follows:

'A report on gonorrheal cultural methods as used in the Detroit Department of Health', Everett Nelson.

'A method of rapid identification of Salmonella pullorum', C. W. Darby.

'Study of typical and atypical coliform organisms', W. L. Mallmann and Mary Jane Washburn.

'Comparative values obtained in antiseptic tests', M. M. Bruno.

'Observations of the failure of sterility test media to support the growth of laboratory contaminants', Lucille Portwood.

'Discussion of media for use in the performance of sterility tests', C. W. Christensen.

'Assay methods for penicillin', D. A. Joslyn and John F. Norton.

'In vitro potency tests of perfringens antitoxin by the egg yolk method', A. S. Schlingman.

'Immunity response to pertussis vaccine in mothers and their babies following vaccine injections during pregnancy', P. L. Kendrick, M. Thompson, and Grace Eldering.

'Complement fixing antibodies in non-immunized guinea pigs and their significance in pertussis complement fixation tests', Paul Fugazzotto.

'Nutritional state as related to resistance of infection and parasitic disease', H. J. Stafseth.

'Observations from Latin-America', Malcolm H. Soule."--Elizabeth J. Cope

Eastern Missouri Branch: The new Secretary-Treasurer for 1944 is Miss Mary Louise Hoevel, St. Louis County Hospital, Clayton, Missouri.

New Jersey Branch: "The Theobald Smith Society met on April 20 in the Physics Building of Rutgers University. The program follows:

'Fat production by a soil yeast', Robert L. Starkey.

'Sulfaiodines, their properties and bactericidal effects', Paul Goldrich.

'The use of pure thioglycollates in culture media', Edward J. Foley and Thomas H. Maren."--Frank H. Johnson

New York City Branch: "The meeting on March 30, notice of which appears in the April News Letter, was attended by a capacity crowd of 270; at least 50 others were turned away."--Mortimer P. Starr

Eastern New York Branch: "The spring meeting was held at the Division of Laboratories and Research, Albany, on April 21. Forty-nine members and guests attended the dinner served in the luncheon room and approximately 75 were present for the meeting. The program follows:

'Diphtheria in an "adequately" immunized community', Berwin F. Mattison.

'Heterocaryosis in Penicillium notatum Westling', Gladys E. Baker.

'Cardiolipin, lecithin, and cholesterol in the antigen in the precipitation test for syphilis. Preliminary note', Rachel Brown.

'An unusual waterborne outbreak of gastroenteritis', Robert F. Korns.

'Agglutinative properties demonstrated following infection with malaria parasites', Marion B. Coleman.

'A microburette system', William R. Thompson."--Myrtle Shaw

Eastern Pennsylvania Branch: "There were 125 members and guests at the May meeting of the Branch to hear a very interesting talk by Dr. Michael Heidelberger on 'Complement - the No. 1 Jig Saw Puzzle'. This was the last general meeting for the current season.

"One hundred and sixty-six members and guests attended the meeting on March 28, notice of which appeared in the April News Letter."--Harry E. Morton

Washington Branch: "The one hundred and thirty-eighth meeting was held at the George Washington University School of Medicine on April 25. The program follows:

'The effect of storage temperatures on the viable bacterial cell counts and on the solubility of spray-dried, whole-egg powder', L. S. Stuart, H. E. Goresline, Helen F. Smart, and Virginia T. Dawson.

'Microbiological method for the quantitative determination of small quantities of potassium', Morrison Rogosa.

'Pyogenic activity of bacteria isolated from plasma', Margaret Pittman and T. S. Probe."--A. M. Griffin

NEWS ABOUT OUR MEMBERS

Guggenheim Fellowships for the year 1944-45 have been awarded to three of our members, as follows: Dr. Frank H. Johnson, to study the fundamental mechanisms that control biological processes and phenomena; Dr. Janet R. McCarter, to study in the field of immunology of infectious diseases, in particular, observations on the aerological and biological activities of tuberculo-proteins; Dr. C. B. Van Niel, to study the new concepts of chemical and physical phenomena with a view to applications in general biochemistry.

Dr. William Mansfield Clark was presented with the Borden Company Prize for 1944 of \$1000.00 for research in the chemistry of milk at the recent American Chemical Society meeting at Cleveland, for his contributions to the application of acid-base theory to laboratory and plant practice.

Dr. Ludvig Hektoen, Honorary Member, was recently awarded the gold-headed cane of the American Association of Pathologists "in recognition of his distinguished service to pathology and his unselfish devotion to the highest ideals of the profession".

Dr. Gladys L. Hobby, of Columbia University, is now at Chas. Pfizer and Company, Brooklyn, New York.

Miss Dorris Hutchison, formerly at Russell Sage College, is now at Vassar College in the Department of Plant Science.

Sir John C. G. Ledingham, Corresponding Member, had conferred on him the title of Professor Emeritus, on his retirement from the Directorship of the Lister Institute of Preventive Medicine of London, England.

Dr. B. S. Levine has transferred from the Louisiana State Department of Health to the Division of Laboratories, State Department of Health, Pierre, South Dakota.

Miss Grace Mehrten, former Secretary of the Eastern Missouri Branch, is now in the laboratory of the Eloise Hospital and Infirmary, Eloise, Michigan.

Dr. Stuart Mudd was presented with the annual William Guggenheim honor cup, at a ceremony held at the University of Pennsylvania Club in New York City on March 31, for his work in developing methods of drying blood plasma.

Dr. H. D. Piersma, of Kalamazoo, Michigan, is the Director of the Human Biological Division of Lederle Laboratories, Incorporated, Pearl River, New York.

Major Albert B. Sabin, M.C., is located with the United States Army Board for the Investigation of Epidemic Diseases.

Dr. Wilbur A. Sawyer plans to retire this September as Director of the International Health Division of the Rockefeller Foundation. He will be succeeded by the Associate Director, Dr. G. K. Strode. Dr. Sawyer was recently appointed Director of the Health Division of the United Relief and Rehabilitation Administration.

Dr. R. Y. Stanier, of the Canadian National Research Council, is now with Merck and Company, Limited, Montreal, Canada.

Dr. Mortimer P. Starr has been awarded a National Research Fellowship and will be on leave from Brooklyn College beginning June, 1944.

IN MEMORIAM

Randle Crater Rosenberger
1873 - 1944

"With the death of Dr. Randle C. Rosenberger, Philadelphia lost a pioneer in the field of bacteriology and a kindly and beloved gentleman.

"Dr. Rosenberger, the son of Levi A. Rosenberger and Amanda Crater Rosenberger, was born in Philadelphia March 4, 1873. He was of Pennsylvania German extraction. After completing his early education in the schools of Philadelphia, he matriculated at the Jefferson Medical College from which he was graduated in 1894.

"In the fall of that year he was appointed instructor in pediatrics and the next year he was made assistant demonstrator in normal and pathological histology. In 1909, having passed through the minor grades of the faculty, he became the Professor of Hygiene and Bacteriology of the Jefferson Medical College, occupying that chair until the time of his death. The name of the chair was changed, however, to Professor of Preventive Medicine and Bacteriology in 1924 and to Professor of Bacteriology and Immunology in 1941. About the same time he was made lecturer on Hygiene at the Women's Medical College and then promoted to Professor of Preventive Medicine. He relinquished this professorship in 1915.

"During his professional life, Dr. Rosenberger held a number of additional responsible positions. He was for a time pathologist to St. Joseph's Hospital and to the Henry Phipps Institute. Later, he was made Assistant Pathologist and finally, Director of Laboratories of the Philadelphia General Hospital. He occupied this post for sixteen years.

"He served the City of Philadelphia at various times and in several capacities;

as a member of The Pneumonia Commission of the Department of Health, The Philadelphia Milk Commission and the Commission on Poliomyelitis. Dr. Rosenberger was commissioned as a first lieutenant in the Medical Reserve Corps in 1911 and served until 1912.

"Dr. Rosenberger belonged to a number of medical and scientific societies. He was a member of the Philadelphia County Medical Society of which he was vice president in 1928. He was a fellow of the American Medical Association, The American Public Health Association and of the College of Physicians of Philadelphia. He served the latter for some time as chairman of the Section of Public Health and Preventive Medicine. He was a member of the Society of American Bacteriologists, International Association of Medical Museums and the American Association for the Advancement of Science. He was on the council of the Society of American Bacteriologists for a period of two years, as representative of the Eastern Pennsylvania Chapter of that Society. For the same length of time he was president of the Eastern Pennsylvania Branch. Other scientific Societies to which he belonged were The American Museum of Natural History of New York, Philadelphia Academy of Natural Sciences, The Audubon Society, The Franklin Institute, the Zoological Society of Philadelphia, associate member of The Orpheus Club, The Pennsylvania German Society and an honorary member of the Cornstatter Volkfest Verein. His social societies were the Nu Sigma Nu Fraternity, The Aesculapian Club and The Medical Club of Philadelphia.

"During his professional career, Dr. Rosenberger published about seventy papers on subjects pertaining to Bacteriology and Preventive Medicine.

"His avocations were an inseparable part of the man. He believed that wide interests are an essential part of living and that a doctor should know more than his profession. He was fond of fine music and when a younger man played the violin. At one time he was a member of the choir of the East Baptist Church of Philadelphia. He was an enthusiastic horticulturist and great lover of animal pets. Cats, dogs, horses and birds were truly his friends as much as were his fellow men. He was an omniverous reader and was particularly interested in history and biography. He loved his home and its comforts. Dr. Rosenberger is survived by his widow, Sally Schleicher Rosenberger.

"It is with deep regret that we mark the passing of this lovable man. His greatest contribution was his long faithful service to his Alma Mater, The Jefferson Medical College. As a teacher he had a great gift for imparting his knowledge to others. Possessed of a remarkable memory, he could recall all of his former students by name and face and could give the details of their performance in the medical school. It was with a keen fatherly interest that he guided the students entrusted to his care. In January of this year, the Trustees and Alumni of The Jefferson Medical College tendered him a testimonial dinner at which he was presented with a gold medal in recognition of fifty years of distinguished service. Dr. Rosenberger was sensitive and introspective but had a fine sense of humor. His outlook on life and men was gentle and kindly. To all who knew him he will be remembered as a fine teacher, a wise counsellor and a good friend."--Carl J. Bucher

MISCELLANEOUS ITEMS

Bacteriological Reviews. The Editor of BACTERIOLOGICAL REVIEWS wishes to correct the impression current among the membership that reviews for BACTERIOLOGICAL REVIEWS are limited to invited ones. Volunteer papers are welcomed.

Division of Agricultural and Industrial Bacteriology: At a business meeting of the Division on May 5, the following officers were elected: Chairman, R. F. Tittsler, Vice Chairman, P. S. Prickett; Secretary, John C. Garey.

Section of Physiology and Biochemistry. Dr. P. W. Wilson was elected Chairman of this Section at the recent annual meeting of the Society.

Committees for the Eli Lilly Award. The American Society for Experimental Pathology appointed representatives as follows: Eli Lilly Nominating Committee,

Dr. Morton McCutcheon; Eli Lilly Award Committee, Dr. Shields Warren. The Eli Lilly and Company Award in Bacteriology and Immunology was not presented this year at the annual meeting of the Society.

American Association for the Advancement of Science. After two years' suspension, annual meetings of the Association are to be resumed. By action of the Executive Committee, the annual meeting, and the annual Science Exhibition, for 1944 will be held in Cleveland, Ohio, September 11-16.

The New York Academy of Sciences. Two prizes of \$200.00 each, offered by Mr. A. Cressy Morrison, to be known as the A. Cressy Morrison Prizes in Natural Science, will be awarded at the Annual Dinner, December, 1944, for the two most acceptable papers in a field of science covered by the Academy or an Affiliated Society. Further information in this regard may be obtained from Dr. Michael Heidelberger, Recording Secretary, The New York Academy of Sciences, Central Park West at 79 Street, New York, New York.

Wanted: JOURNAL OF BACTERIOLOGY—Volumes 1 to 40 and a copy of the index to Volumes 1-30.

Committee on Materials for Visual Instruction in Microbiology. Ten additional motion picture films have been reviewed under the auspices of the Committee. Abstracts of the films have been prepared and are obtainable at the rate of three cents each from the Chairman, Dr. Harry E. Morton, Department of Bacteriology, School of Medicine, University of Pennsylvania, Philadelphia 4, Pennsylvania.

B & W = black and white
Co = colored

Si = silent
So = sound

Abstract
Number

Title

- | | |
|-----|--|
| 91 | Every drop a safe one. (Purification of water) B & W, Si or So. |
| 92 | Let's keep the killer down. (Control of diphtheria) B & W, Si or So. |
| 93 | Preventing the spread of disease. B & W, So. |
| 94 | Confessions of a cold. B & W, So. |
| 95 | Your health department. B & W, So. |
| 96 | Why Willie was willing to wash. (Hygiene) B & W, So. |
| 97 | Malaria control. Co, So. |
| 98 | Let's open our eyes. (Control of syphilis) B & W, Si or So. |
| 99 | Swat the fly. B & W, So. |
| 100 | Mosquitoes and malaria. B & W, So. |

New Members. On the following page is a list of new members approved by the Council at its meeting on May 2.

SOCIETY OF AMERICAN BACTERIOLOGISTS

1944 New Members

March 24, 1944 to April 30, 1944

Atwood, Raymond T., 2410 Simpson Avenue, St. Louis 10, Missouri N. C.
Badger, George F., Respiratory Disease Commission Lab., Station Hosp. 2, Ft. Bragg, N. C.
Bahler, Dean R., Laboratory, Kraft Cheese Co., 500 Peshtigo Ct., Chicago 90, Ill.
Bourn, Janet M., 1023 Short Street, East Lansing, Michigan
Brown, J. G., Box 4672, University Station, Tucson, Arizona
Christensen, Leo M., Chemurgy Project, University of Nebraska, Lincoln, Nebraska
Colingsworth, Donald R., Heyden Chemical Corporation, Princeton, New Jersey
Emerson, Robert L., Dept. of Agr. Bact., University of Wisconsin, Madison 6, Wis.
Evans, James B., Dairy Building, Cornell University, Ithaca, New York
Geiger, Walton B., Dept. of Soil Microbiology, Agr. Expt. Station, New Brunswick, N.J.
Hanawalt, Vera M., Animal Pathology Lab., University of Illinois, Urbana, Illinois
Hildebrand, E. M., Dept. of Plant Pathology, Cornell University, Ithaca, New York
Hirsch, Andrei, Nat'l Inst. for Research in Dairying, Shinfield nr. Reading, England
Joslyn, Dwight A., 18769 Saratoga Boulevard, Birmingham, Michigan
Keegan, Edward J., 210 Bellmore Street, Floral Park, Long Island, New York
Klopfer, John E., 2000 Van Ness Avenue, San Francisco 9, California
Leonard, Frederic A., 20 Norfolk Street, Bangor, Maine
Mizl, Esther R., 990 East 17 Street, Brooklyn, New York
Nadel, Ruthe G., 1122 Avenue N., Brooklyn 30, New York
Perlstein, David, 4005 School Section Road, Cincinnati 11, Ohio
Perry, George, Best Food Company, 99 Avenue A., Bayonne, New Jersey
Peters, Anne M., Biology Department, Lehigh University, Bethlehem, Pennsylvania
Reed, George S., 1626 Springfield Pike, Wyoming 15, Ohio
Reid, J. Douglas, Dept. of Bact. and Parasitology, Med. Coll. of Va., Richmond, Va.
Riffelt, Astrid, Naval Proving Ground, Dahlgren, Virginia
Salvason, Mrs. H. M., 4616 Wooddale Avenue, Minneapolis, Minnesota
Saunders, Allen, Heyden Chemical Corporation, Princeton, New Jersey
Shorb, Mary S., Box 475, Beltsville, Maryland
Stadtman, Thressa C., 339 Hilgard Hall, Univ. of California, Berkeley, California
Stavitsky, Abram B., School of Vet. Medicine, Univ. of Pa., Philadelphia, Pa.
Strandskov, F. B., 211 De Witt Avenue, Belleville, New Jersey
Umanzio, Carl B., 77 Ramshead Road, Medford, Massachusetts
Volkoff, Olga, 485 McGill Street, Montreal, P. Q., Canada
Welsh, Mary T., Dr. W. D. Caldwell Company, Monticello, Illinois
Zacher, Leon J., Photo Department, PAAF, Pampa, Texas
Zamenhof, Stephen, 620 West 115 Street, New York 25, New York

1945 NEW MEMBER

Greene, Harry J., 855 Ocean Avenue, Brooklyn 26, New York

